

40B CHATFIELD-HOLLIS-CANTON
538 SQUAMSCOTT

(SOURCE: USDA-SCS SOIL SURVEY)

BENCH MARKS: ASSUMED DATUM

#1 SET PK ELEV 59.78

#2 SET PK ELEV 55.60

#3 COR BOTTOM STEP ELEV 60.09

DESIGN INTENT: FOR PROPOSED 15'X35' LEACHING AREA
THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM (EDS) SHALL BE CONSTRUCTED AT ELEVATION 57.7, WHICH IS APPROXIMATELY 22" ABOVE ORIGINAL GROUND AT THE HIGH CONTOUR OF THE DESIGNED (NEW) EDS (ELEVATION 55.9). (PREDVELOPMENT OG) INTENT IS TO MATCH BED BOTTOM OF EXIS SYSTEM.

SUITABLE REPLACEMENT AREA:
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:
 EXISTING CONTOUR
 PROPOSED CONTOUR
 EXISTING SPOT ELEVATION
 PROPOSED SPOT ELEVATION

NOTES:

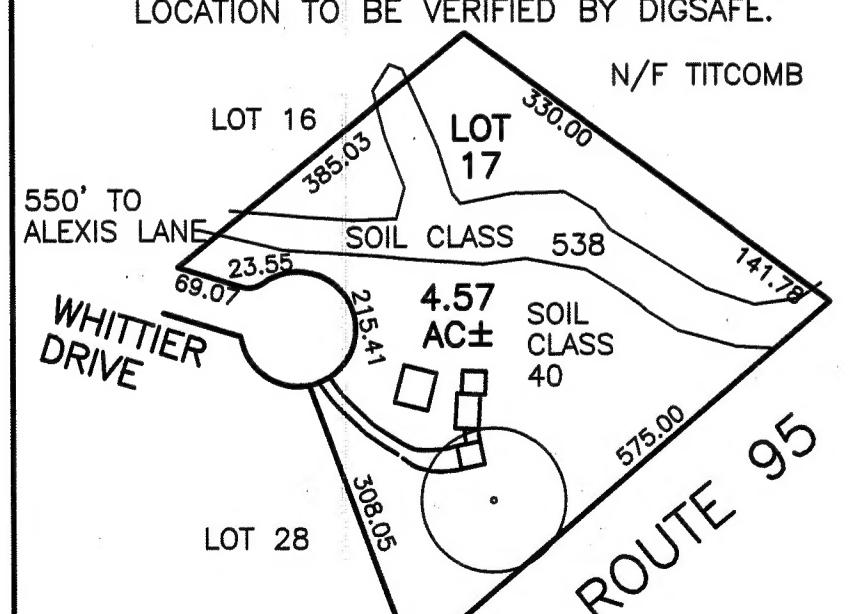
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RCRD PLAN D21631

2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER: 38490
PREVIOUS APPROVAL #CA1996000002

3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL WASTE.

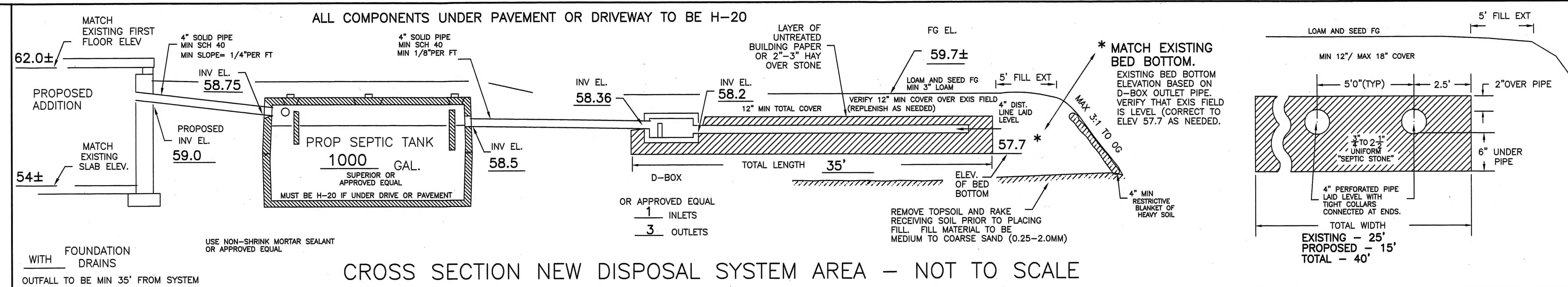
4. LEACH FIELD SETBACKS:
FROM WELL 100'+
FROM HYDRIC B 100'+
FROM HYDRIC A 100'+

5. INSTALLER IS RESPONSIBLE FOR KNOWLEDGE OF AND COMPLIANCE WITH APPLICABLE TOWN ZONING AND BUILDING CODE REQUIREMENTS.
6. EXISTING SYSTEM COMPONENTS TO BE INSPECTED FOR PROPER CONDITION AND FUNCTION AND REPAIRED AS NEEDED.
7. NOTE UNDERGROUND UTILITIES TO BE MOVED. LOCATION TO BE VERIFIED BY DIGSAFE.



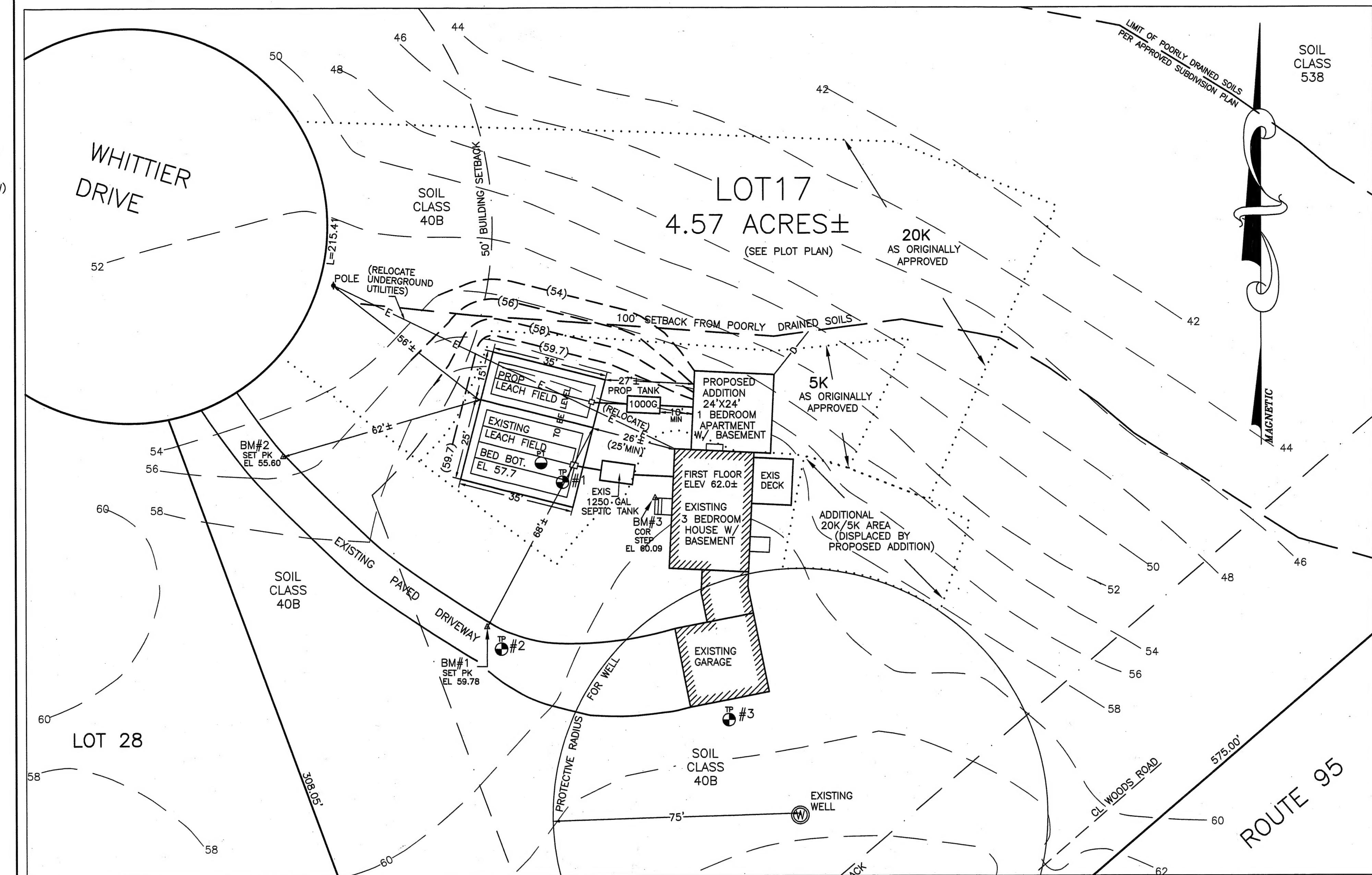
PLOT PLAN

1"=APPROX 200'

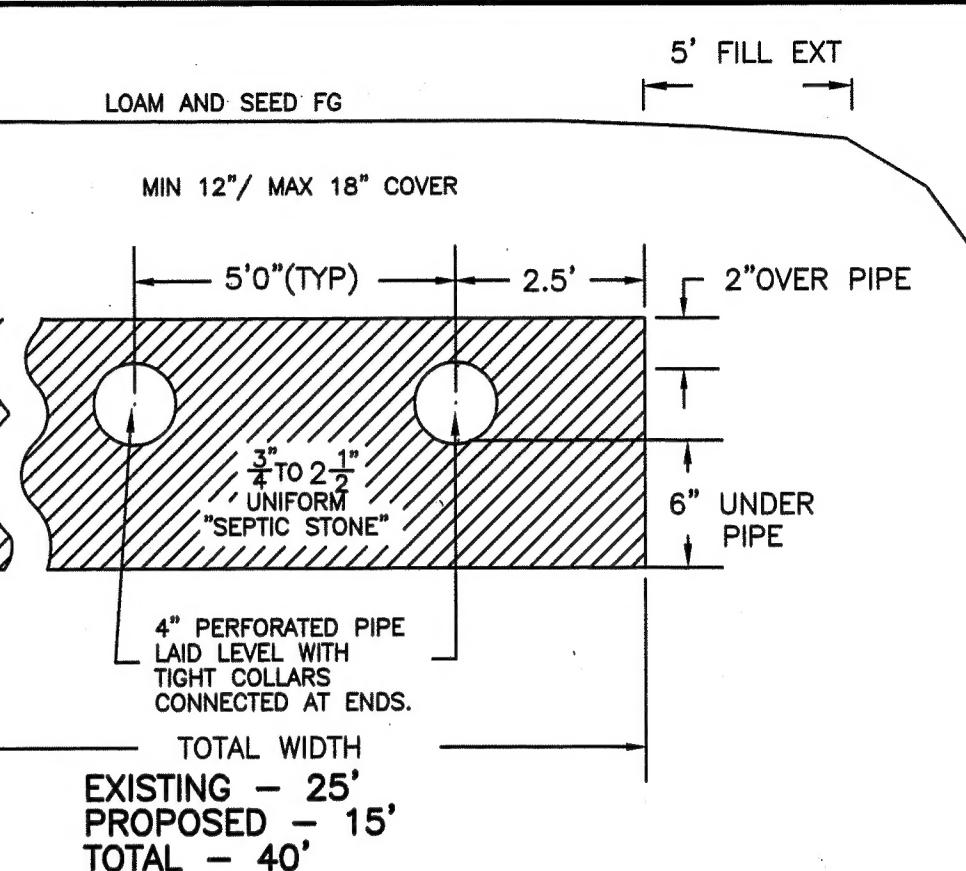


CROSS SECTION NEW DISPOSAL SYSTEM AREA - NOT TO SCALE

PLAN : 1"=20'



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS
 ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR. ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
 (b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
 ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM. ENV-WS 1023.06 THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.



TEST PIT DATA

DATE: 11/7/95

TOWN INSPECTOR: MIKE CUOMO

TEST PITS ARE REPRODUCED FROM ORIGINAL SEPTIC DESIGN BY STOCKTON SERVICES. REF APPROVAL #CA1996000002.

#1 EL 56.8

0-6" LOAM AND ROOT MAT
6-30" 10YR5/4 TO 5/6 GRAVELLY FINE SANDY LOAM, GRANULAR FRIABLE
30-72" 2.5Y5/4 FINE SANDY LOAM, FIRM, MIXED WITH GRAVELLY LOAMY SAND SOMEWHAT FIRM, (MOTTLED) ESHWT @ 30", ROOTS TO 30"+, NO OBS H2O, NO REFUSAL

#2 EL 58.7

ESHWT < 24"
#3 EL 61.5
0-6" LOAM AND ROOT MAT
6-26" 10YR5/4 TO 5/6 FINE SANDY LOAM, GRANULAR FRIABLE
26-80" 2.5Y5/4 GRAVELLY LOAMY SAND, SOMEWHAT FIRM, MOTTLED ESHWT @ 26", ROOTS TO 30"+, NO OBS H2O, NO REFUSAL

PERC TEST DATA

DATE 11/7/95

PERC RATE: 6 MIN/IN SEE APP #CA1996000002

EXIS 450 GPD + PROPOSED 225 GPD = (3 BEDROOM HOUSE = 1 BEDROOM APARTMENT)
DESIGN LOADING: 675 GPD/ 100 X 155 SF/100GAL =

1046 SF (NHDES) X 1.25 = 1307 SF REQUIRED (HAMPTON FALLS)

AREA REQUIRED: EXISTING SYSTEM (25X35) + PROPOSED(15X35)=
AREA PROPOSED: TOTAL 40' X 35' = 1400 SF PROVIDED.

PLAN OF PROPOSED EXPANSION OF EXISTING SEPTIC SYSTEM

LOT 17, WELLINGTON FARMS SUBDIVISION
REF PREVIOUS APPROVAL #CA1996000002

LOCUS: 8 WHITTIER DRIVE

HAMPTON FALLS, NH

OWNER: JAMES & LUANN STEVENS

8 WHITTIER DRIVE
HAMPTON FALLS, NH 03844

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306
DATE: 3/26/03
REVISED 4/11/03

APPROVAL: NOT SUBMITTED
TO DES